

Converting Colors

YUV(153.2440, -19.8403,
63.8070)

Have a look what the booklet for
YUV(153.2440, -19.8403, 63.8070)
contains.

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Color

**YUV(153.2440, -19.8403,
63.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	E27C71
RGB	226, 124, 113
RGB Percent	89%, 49%, 44%
CMY	0.1137, 0.5137, 0.5569
CMYK	0.00, 0.45, 0.50, 0.11
HSL	6°, 66%, 66%
HSV	6°, 50%, 89%
XYZ	41.5523, 31.7763, 19.5662
YIQ	153.2440, 64.3230, 18.2030

Conversions

Conversions Part 2

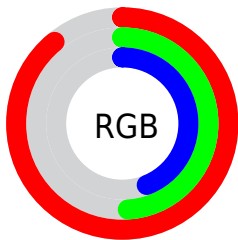
Format	Color
R _Y B	226, 125, 113
Decimal	14842993
CIE Lab	63.16, 38.28, 23.62
CIE LCh	63, 44.982, 31.670
Yxy	31.7763, 0.4473, 0.3421
Android (android.graphics.Color)	4293033073 (0xFFE27C71)
YUV	153.2440, -19.8403, 63.8070
Hunter-Lab	56.3705, 32.9292, 18.8798

Details

The YUV color **153.2440, -19.8403, 63.8070** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **185.7560, 19.8403, -63.8070**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.5410, -17.0287, 48.6375**, and **99.6070, -17.0613, 59.1037** is the 20% darker color. If you saturate the color by 10%, you get **138.8820, -24.0988, 76.4025**, and if you desaturate by 10%, it is **167.6060, -15.5818, 51.2115**.

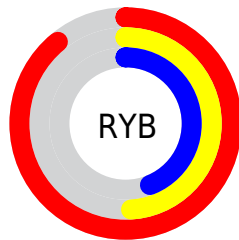
Distribution



Red (89%)

Green (49%)

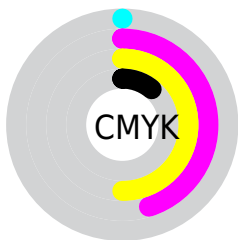
Blue (44%)



Red (89%)

Yellow (49%)

Blue (44%)

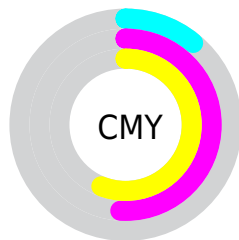


Cyan (0%)

Magenta (45%)

Yellow (50%)

Black (11%)



Cyan (11%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 153.2440, -19.8403, 63.8070 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 153.2440, -19.8403, 63.8070 by changing the saturation by 10% instead.


 153.2440,
-19.8403, 63.8070


 153.2440,
-19.8403, 63.8070


255.0000, 0.0000,
0.0000

 126.1620,
-18.8139, 61.2479


 199.5410,
-17.0287, 48.6375


 99.6070, -17.0613,
59.1037


 219.0550,
-13.3381, 31.5238


 73.7530, -15.1612,
56.3446

 239.2700, -9.5001,
13.7952

 46.8390, -12.2456,
54.5152

 254.2020, -3.0576,
0.6998

 24.5180, -12.0874,
50.4117

 16.4450, -8.1074,
33.8127

 5.9800, -2.9481,

12.2955

■ 0.0000, 0.0000,
0.0000

■ 153.2440,
-19.8403, 63.8070

■ 153.2440,
-19.8403, 63.8070

■ 138.8820,
-24.0988, 76.4025

■ 167.6060,
-15.5818, 51.2115

■ 124.0470,
-27.6312, 89.4128

■ 182.4410,
-12.0494, 38.2012

■ 109.6850,
-31.8897, 102.0083

■ 196.8030, -7.7909,
25.6058

■ 94.8500, -35.4220,
115.0186

■ 211.6380, -4.2585,
12.5955

■ 80.4880, -39.6806,
127.6140

■ 226.0000, 0.0000,
0.0000

■ 240.3620, 4.2585,
-12.5955

■ 246.3290, 4.2748,
-17.8285

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



154.7550, -1.3582, 62.4819



153.2440, -19.8403, 63.8070



151.7740, -33.9056, 48.4332

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



153.2440, -19.8403, 63.8070



137.1900, -11.9257, -48.4016



144.1470, 43.8045, -50.1179

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



153.2440, -19.8403, 63.8070



185.7560, 19.8403, -63.8070

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



123.4510, 49.0777, -108.2665



153.2440, -19.8403, 63.8070



119.1070, 17.2022, -104.4568

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



153.2440, -19.8403, 63.8070



145.0950, -31.1058, -9.7303



123.0800, 34.9636, -107.9412



156.0890, 32.0011, 2.5529

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



153.2440, -19.8403, 63.8070



150.4100, -38.6561, 32.0894



123.0800, 34.9636, -107.9412



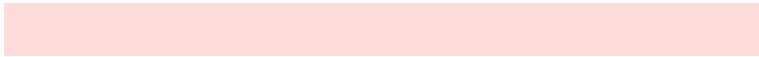
135.6170, 47.5168, -74.2091

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



153.2440, -19.8403, 63.8070



230.1230, -6.4696, 21.8171



158.6430, 28.7700, 59.0721



113.0510, -3.9691, 13.1103



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



153.2440, -19.8403, 63.8070



156.5520, -26.8941, 86.3389



185.5290, -35.7568, 35.4931



104.8760, -1.9109, 6.2477



62.6030, -30.8633, 99.4492



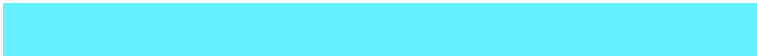
17.2870, -8.5225, 26.9353

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



185.7560, 19.8403, -63.8070



200.4480, 26.8941, -86.3389



153.4710, 35.7568, -35.4931



108.1240, 1.9109, -6.2477



113.3970, 30.8633, -99.4492



31.3000, 8.2331, -27.4501

Previews

White Background



This preview shows how the YUV color 153.2440, -19.8403, 63.8070 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 153.2440, -19.8403, 63.8070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

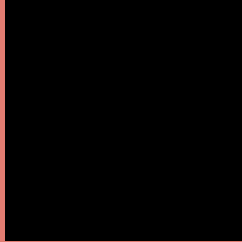
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 153.2440, -19.8403, 63.8070

Background



This preview shows how black text looks on a background with the YUV color 153.2440, -19.8403, 63.8070.



This preview shows how white text looks on a background with the YUV color 153.2440, -19.8403, 63.8070.

63.8070.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

153.2440, -19.8403, 63.8070

Protanopia

152.6130, -13.1202, 8.2324

Deuteranopia

153.1330, -21.7576, 25.3164



Tritanopia

153.7200, -11.6940, 64.2666

Trichromacy



Original Color

153.2440, -19.8403, 63.8070

Protanomaly

152.4630, -15.5113, 28.5349

Deuteranomaly

153.3350, -21.3642, 39.1712

Tritanomaly

153.6230, -14.6041, 64.3516

Monochromacy



Original Color

153.2440, -19.8403, 63.8070

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9060, -7.3487, 23.7614

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.2440, -19.8403, 63.8070 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(226, 124, 113)` looks like.

```
.text, #text, p{  
    color:rgb(226, 124, 113)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(226, 124, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 124, 113) }
```

Border

The CSS property to change the border of an element to YUV 153.2440, -19.8403, 63.8070 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 124, 113) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(226, 124, 113) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(226, 124, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 124, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 124, 113); box-shadow:4px 4px 4px 4px rgb(226, 124, 113) }
```

Background

The CSS property to change the background color of an element to YUV 153.2440, -19.8403, 63.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 124, 113) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(226,  
124, 113) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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